

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 October 2005 (27.10.2005)

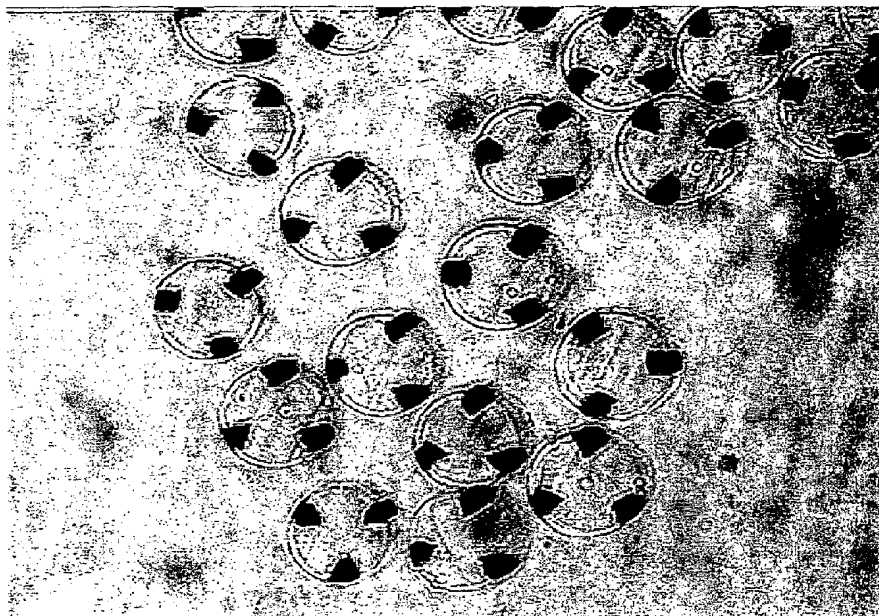
PCT

(10) International Publication Number
WO 2005/100651 A1

- (51) International Patent Classification⁷: **D01F 8/00**,
D01D 5/12, 5/32, 5/34
- (21) International Application Number:
PCT/US2005/008794
- (22) International Filing Date: 16 March 2005 (16.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/555,306 23 March 2004 (23.03.2004) US
- (71) Applicant (for all designated States except US): **SO-
LUTIA, INC.** [US/US]; 575 Maryville Centre Drive, St.
Louis, MO 63141 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HANCOCK, John,
Greg** [US/US]; 8747 Ramble Woods Drive, Pensacola, FL
32514 (US). **BAKER, Robert, E.** [US/US]; 3368 Holt Cr.,
Pensacola, FL 32526 (US).
- (74) Agent: **RIVARD, Paul, M.**; Banner & Witcoff, Ltd., 11th
Floor, 1001 G Street NW, Washington, DC 20001-4597
(US).
- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: BI-COMPONENT ELECTRICALLY CONDUCTIVE DRAWN POLYESTER FIBER AND METHOD FOR MAKING SAME



(57) Abstract: The invention is directed to a multi-component electrically conductive fiber (Fig. 1) and the method of making the same (Fig. 2). The fiber contains two polyester components which has a 10 °C melt temperature difference between the first and second polyesters.

WO 2005/100651 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.